

WHAT IS CLAIMED IS:

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1. A mounting structure for installing a compact camera module into a socket, the mounting structure comprising:

10 an electrode pad formed in a lower portion of the compact camera module that includes a lens and a solid image pickup device;

15 a contacting member having a contacting end and a springy portion disposed in the socket, the electrode pad and the contacting end being in contact when the lower portion of the compact camera module is inserted into the socket; and

20 a depressed portion formed on the lower portion of the compact camera module to accommodate the springy portion of the contacting member so that the lower portion of the compact camera module does not make contact with the springy portion of the contacting member when the lower portion of the compact camera module is inserted into the socket.

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30 2. A mounting structure for installing a compact camera module into a socket, the mounting structure comprising:

an electrode pad formed in a lower portion of the compact camera module that includes a lens and a solid image pickup device;

35 a contacting member having a contacting end disposed in the socket, the electrode pad and the contacting end being in contact when the lower portion of the compact camera module is inserted

into the socket; and

- an engagement member disposed in the
socket to lock the compact camera module when the
lower portion of the compact camera module is
5 inserted into the socket so that the compact camera
module does not separate from the socket.

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3. The mounting structure as claimed in
claim 2, wherein

the socket comprises a grounding
contacting member; and

15 the engagement member is a portion of the
grounding contacting member.

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4. A mounting structure for installing a
compact camera module into a socket, the mounting
structure comprising:

25 an electrode pad formed in a lower portion
of the compact camera module that includes a lens
and a solid image pickup device;

30 a contacting member having a contacting
end disposed in the socket, the electrode pad and
the contacting end being in contact when the lower
portion of the compact camera module is inserted
into the socket;

a recess formed on the lower portion of
the compact camera module; and

35 a cutout formed on the socket at a
position in correspondence to the recess, the recess
facing the cutout when the lower portion of the
compact camera module is inserted into the socket,

5 wherein
 the recess is engagable with a de-
 installation tool through the cutout when the lower
 portion of the compact camera module is inserted
5 into the socket.

10 5. A compact camera module set,
 comprising:

 a compact camera module including a lens
 and a solid image pickup device; and
 a socket,

15 wherein
 an electrode pad is formed in a lower
 portion of the compact camera module;
 a contacting member having a contacting
 end and a springy portion is disposed in the socket,
20 the electrode pad and the contacting end being in
 contact when the lower portion of the compact camera
 module is inserted into the socket; and

25 a depressed portion is formed on the lower
 portion of the compact camera module to accommodate
 the springy portion of the contacting member so that
 the lower portion of the compact camera module does
 not make contact with the springy portion of the
 contacting member when the lower portion of the
 compact camera module is inserted into the socket.

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35 6. A compact camera module set,
 comprising:

 a compact camera module including a lens
 and a solid image pickup device; and

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a socket,
wherein
an electrode pad is formed in a lower
portion of the compact camera module that includes a
5 lens and a solid image pickup device;
a contacting member having a contacting
end is disposed in the socket, the electrode pad and
the contacting end being in contact when the lower
portion of the compact camera module is inserted
10 into the socket; and
an engagement member is disposed in the
socket to lock the compact camera module when the
lower portion of the compact camera module is
inserted into the socket so that the compact camera
15 module does not separate from the socket.

20 7. The compact camera module set as
claimed in claim 6, wherein
the socket comprises a grounding
contacting member; and
the engagement member is a portion of the
25 grounding contacting member.

30 8. A compact camera module set,
comprising:
a compact camera module including a lens
and a solid image pickup device; and
a socket,
35 wherein
an electrode pad is formed in a lower
portion of the compact camera module that includes a

lens and a solid image pickup device;

a contacting member having a contacting end is disposed in the socket, the electrode pad and the contacting end being in contact when the lower 5 portion of the compact camera module is inserted into the socket;

a recess is formed on the lower portion of the compact camera module; and

a cutout is formed on the socket at a 10 position in correspondence to the recess, the recess facing the cutout when the lower portion of the compact camera module is inserted into the socket, the recess being engagable with a de-installation tool through the cutout when the lower portion of 15 the compact camera module is inserted into the socket.